

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	59	(light\$4 or illuminat\$4) with (strob\$4) with (image or picture) same ("3d" or "3-d" or "three dimensional" or "three-dimensional")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 15:40
S2	1001	(light\$4 or illuminat\$4) with (strob\$4 or puls\$3 or periodic\$4 or sequen\$6) with (image or picture) same ("3d" or "3-d" or "three dimensional" or "three-dimensional")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 15:36
S3	0	("2006/0169785").URPN.	USPAT	OR	ON	2007/03/21 15:38
S4	0	(light\$4 or illuminat\$4) with (strob\$4 or puls\$4) with (image or picture or watermark or graphic or symbol) same ("3d" or "3-d" or "three dimensional" or "three-dimensional") same card	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 15:41
S5	19	(light\$4 or illuminat\$4) with (strob\$4 or puls\$4 or sequen\$6 or periodic\$4) with (image or logo or pattern or picture or watermark or graphic or symbol) with ("3d" or "3-d" or "three dimensional" or "three-dimensional" or mov\$4) same card	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 15:47
S6	3604	(light\$4 or illuminat\$4) with (strob\$4 or puls\$4 or sequen\$6 or periodic\$4) with (image or logo or pattern or picture or watermark or graphic or symbol) with ("3d" or "3-d" or "three dimensional" or "three-dimensional" or mov\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 15:50
S7	778	(light\$4 or illuminat\$4) with (strob\$4 or puls\$4 or sequen\$6 or periodic\$4) with (image or logo or pattern or picture or watermark or graphic or symbol) with ("3d" or "3-d" or "three dimensional" or "three-dimensional" or mov\$4) and (card or document or passport or money)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 15:51
S8	115	(light\$4 or illuminat\$4) with (strob\$4 or puls\$4 or sequen\$6 or periodic\$4) with (image or logo or pattern or picture or watermark or graphic or symbol) with ("3d" or "3-d" or "three dimensional" or "three-dimensional" or mov\$4) and (card or document or passport or money).ab.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 15:59

## EAST Search History

S10	11	(light\$4 or illuminat\$4) with (strob\$4 or puls\$4 or sequen\$6 or periodic\$4) with (image or logo or pattern or picture or watermark or graphic or symbol) same (card or document or passport or money) same (3d or "3d" or "three dimensional" or "three-dimensional")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 16:00
S11	754	(light\$4 or illuminat\$4 or radiat\$3) with (strob\$4 or puls\$4 or sequen\$6 or periodic\$4) with (image or logo or pattern or picture or watermark or graphic or symbol) with (card or document or passport or money)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 16:03
S12	796	(light\$4 or illuminat\$4 or radiat\$3) with (strob\$4 or puls\$4 or sequen\$6 or periodic\$4) with (image or logo or pattern or picture or watermark or graphic or symbol) with ("3-d" or 3d or "three dimensional" or "three-dimensional")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 16:51
S13	6	(light\$4 or illuminat\$4 or radiat\$3) with (strob\$4 or puls\$4 or sequen\$6 or periodic\$4) with (image or logo or pattern or picture or watermark or graphic or symbol) with ("3-d" or 3d or "three dimensional" or "three-dimensional") same (card or document or passport or money)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 16:04
S14	252	S12 and ("345"/\$.ccls. "382"/\$.ccls. "250"/\$.ccls. "235"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 16:40
S15	5	(light\$4 or illuminat\$4 or radiat\$3) near4 (strob\$4 or puls\$4 or sequen\$6 or periodic\$4) with (image or logo or pattern or picture or watermark or graphic or symbol) with ("3-d" or 3d or "three dimensional" or "three-dimensional") same (card or document or currency or cash or money or passport)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 16:52
S16	5	(light\$4 or illuminat\$4 or radiat\$3) near4 (strob\$4 or puls\$4 or sequen\$6 or periodic\$4) with (image or logo or pattern or picture or watermark or graphic or symbol\$3 or barcode or "bar code" or indicia or "machine readable") with ("3-d" or 3d or "three dimensional" or "three-dimensional") same (card or document or currency or cash or money or passport)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 16:52

## EAST Search History

S17	53	(light\$4 or illuminat\$4 or radiat\$3) near\$4 (strob\$4 or puls\$4 or sequen\$6 or periodic\$4) with (image or logo or pattern or picture or watermark or graphic or symbol) with ("3-d" or 3d or "three dimensional" or "three-dimensional" or mov\$4) same (card or document or currency or cash or money or passport)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 16:52
S18	57	(light\$4 or illuminat\$4 or radiat\$3) near\$4 (strob\$4 or puls\$4 or sequen\$6 or periodic\$4) with (image or logo or pattern or picture or watermark or graphic or symbol\$3 or barcode or "bar code" or indicia or "machine readable") with ("3-d" or 3d or "three dimensional" or "three-dimensional" or mov\$4) same (card or document or currency or cash or money or passport)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 16:52
S19	57	S16 S18	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 16:53
S20	426	235/491,497.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 16:57
S21	1	S20 and (strob\$4 or periodic\$4 or puls\$4) with (lighr or illuminat\$4 or shin\$4 or source or radiat\$4) same (3d or "three dimensional" or "3-d" or "three-dimensional" or mov\$4) same (card or passport or document or cash or money) same (image or picture or logo or symbol\$4 or watermark or security or graphic or photo\$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 17:03
S22	44	("250"/\$.ccls. "396"/\$.ccls. "399"/\$.ccls. "359"/\$.ccls.) and (strob\$4 or periodic\$4 or puls\$4) with (lighr or illuminat\$4 or shin\$4 or source or radiat\$4) same (3d or "three dimensional" or "3-d" or "three-dimensional" or mov\$4) same (card or passport or document or cash or money) same (image or picture or logo or symbol\$4 or watermark or security or graphic or photo\$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 17:03

## EAST Search History

S23	1	S20 and (strob\$4 or periodic\$4 or puls\$4) with (light\$3 or illuminat\$4 or shin\$4 or source or radiat\$4) same (3d or "three dimensional" or "3-d" or "three-dimensional" or mov\$4) same (card or passport or document or cash or money) same (image or picture or logo or symbol\$4 or watermark or security or graphic or photo\$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 17:03
S24	70	("250"/\$.ccls. "396"/\$.ccls. "399"/\$.ccls. "359"/\$.ccls.) and (strob\$4 or periodic\$4 or puls\$4) with (light\$3 or illuminat\$4 or shin\$4 or source or radiat\$4) same (3d or "three dimensional" or "3-d" or "three-dimensional" or mov\$4) same (card or passport or document or cash or money) same (image or picture or logo or symbol\$4 or watermark or security or graphic or photo\$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 17:07
S25	1	ink\$4 with (strob\$4 or periodic\$4 or puls\$4) with (light\$3 or illuminat\$4 or shin\$4 or source or radiat\$4) same (3d or "three dimensional" or "3-d" or "three-dimensional" or mov\$4) same (card or passport or document or cash or money) same (image or picture or logo or symbol\$4 or watermark or security or graphic or photo\$5)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 17:09
S26	5	(strob\$4 or periodic\$4 or puls\$4) with (light\$3 or illuminat\$4 or shin\$4 or source or radiat\$4) with (3d or "three dimensional" or "3-d" or "three-dimensional" or mov\$4) with (card or passport or document or cash or money) with (image or picture or logo or symbol\$4 or watermark or security or graphic or photo\$5) same ink	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 17:10
S27	0	(strob\$4 or periodic\$4 or puls\$4) with (light\$3 or illuminat\$4 or shin\$4 or source or radiat\$4) with (3d or "three dimensional" or "3-d" or "three-dimensional" or mov\$4) with (card or passport or document or cash or money) with ink	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 17:10

## EAST Search History

S28	5	(strob\$4 or periodic\$4 or puls\$4) with (light\$3 or illuminat\$4 or shin\$4 or source or radiat\$4) with (3d or "three dimensional" or "3-d" or "three-dimensional" or mov\$4) with (card or passport or document or cash or money) same ink	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 17:11
S29	5	S26 S28	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/21 17:12
S30	28	(graphic or logo or image or picture or cash or currency or money or document or passport) with ink same (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet) with (puls\$4 or periodic\$4 or strob\$4) same (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 09:40
S31	2	(graphic or logo or image or picture or cash or currency or money or document or passport) with print\$4 near3 ink same (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) same (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$3 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3-dimensions" or "3 dimensions")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 09:50
S32	10	(graphic or logo or image or picture or cash or currency or money or document or passport) with print\$4 with ink same (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) same (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$3 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3-dimensions" or "3 dimensions")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 09:51

## EAST Search History

S33	4405	(graphic or logo or image or picture or cash or currency or money or document or passport) same (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) same (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$3 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3-dimensions" or "3 dimensions")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 10:15
S34	153	(graphic or logo or image or picture or cash or currency or money or document or passport) same (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) same (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$3 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3-dimensions" or "3 dimensions") and (card or document or currency or cash or money).ab.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 09:54
S35	170	(graphic or logo or image or picture or cash or currency or money or document or passport) same (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) same (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$3 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3-dimensions" or "3 dimensions") and (card or document or currency or cash or money or passport or security).ab.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 10:25
S36	2563	(graphic or logo or image or picture or cash or currency or money or document or passport) with (((illuminat\$4 or light or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4)) or strob\$3) same (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$3 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3-dimensions" or "3 dimensions")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 10:19

## EAST Search History

S37	6934	(graphic or logo or image or picture or cash or currency or money or document or passport or watermark or symbol\$3 or indicia or "machine readable" or pattern or feature or barcode) same (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) same (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$3 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3-dimensions" or "3 dimensions" or animat\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 10:30
S38	4139	(graphic or logo or image or picture or cash or currency or money or document or passport or watermark or symbol\$3 or indicia or "machine readable" or pattern or feature or barcode) with (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) same (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$3 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3-dimensions" or "3 dimensions" or animat\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 10:30
S39	4880	(graphic or logo or image or picture or cash or currency or money or document or passport or watermark or symbol\$3 or indicia or "machine readable" or pattern or feature or barcode) with (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) same (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$5 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3-dimensions" or "3 dimensions" or animat\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 10:49

## EAST Search History

S40	39	(graphic or logo or image or picture or cash or currency or money or document or passport or watermark or symbol\$3 or indicia or "machine readable" or pattern or feature or barcode) with (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) same (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$5 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3-dimensions" or "3 dimensions" or animat\$4) same ink	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 10:51
S41	1590	(graphic or logo or image or picture or cash or currency or money or document or passport or watermark or symbol\$3 or indicia or "machine readable" or pattern or feature or barcode) with (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) same (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$5 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3-dimensions" or "3 dimensions" or animat\$4) and ("235"/\$.ccls. "250"/\$.ccls. "283"/\$.ccls. "359"/\$.ccls. "396"/\$.ccls. "399"/\$.ccls. "382"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 10:59
S42	7	(graphic or logo or image or picture or cash or currency or money or document or passport or watermark or symbol\$3 or indicia or "machine readable" or pattern or feature or barcode) with (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) same (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$5 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3-dimensions" or "3 dimensions" or animat\$4) and ("283"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 10:54



## EAST Search History

S43	1032	(graphic or logo or image or picture or cash or currency or money or document or passport or watermark or symbol\$3 or indicia or "machine readable" or pattern or feature or barcode) with (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) with (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$5 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3-dimensions" or "3 dimensions" or animat\$4) and ("235"/\$.ccls. "250"/\$.ccls. "283"/\$.ccls. "359"/\$.ccls. "396"/\$.ccls. "399"/\$.ccls. "382"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 10:57
S44	1024	(graphic or logo or image or picture or cash or currency or money or document or passport or watermark or symbol\$3 or indicia or "machine readable" or pattern or feature) with (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) with (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$5 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3-dimensions" or "3 dimensions" or animat\$4) and ("235"/\$.ccls. "250"/\$.ccls. "283"/\$.ccls. "359"/\$.ccls. "396"/\$.ccls. "399"/\$.ccls. "382"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 10:57
S45	601	(graphic or logo or image or picture or cash or currency or money or document or passport or watermark or symbol\$3 or indicia or "machine readable" or pattern or feature or barcode) with (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) same (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$5 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3-dimensions" or "3 dimensions" or animat\$4) and ("359"/\$.ccls. "382"/\$.ccls. "428"/\$.ccls. "40"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 11:13

## EAST Search History

S46	1021	(graphic or logo or image or picture or cash or currency or money or document or passport or watermark or symbol\$3 or indicia or "machine readable" or pattern or feature or barcode) with (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) same (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$5 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3-dimensions" or "3 dimensions" or animat\$4) and ("250"/\$.ccls. "283"/\$.ccls. "382"/\$.ccls. "235"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 11:15
S47	1020	(graphic or logo or image or picture or cash or currency or money or document or passport or watermark or symbol\$3 or indicia or "machine readable" or pattern or feature) with (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) same (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$5 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3-dimensions" or "3 dimensions" or animat\$4) and ("250"/\$.ccls. "283"/\$.ccls. "382"/\$.ccls. "235"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 11:15
S48	1020	((graphic or logo or image or picture or cash or currency or money or document or passport or watermark or symbol\$3 or indicia or "machine readable" or pattern or feature) with (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) same (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$5 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3-dimensions" or "3 dimensions" or animat\$4)) and ("250"/\$.ccls. "283"/\$.ccls. "382"/\$.ccls. "235"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 11:16

## EAST Search History

S49	664	((graphic or logo or image or picture or cash or currency or money or document or passport or watermark or symbol\$3 or indicia or "machine readable" or pattern or feature) with (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) with (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$5 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3 dimensions" or animat\$4)) and ("250"/\$.ccls. "283"/\$.ccls. "382"/\$.ccls. "235"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 11:23
S50	6	((graphic or logo or image or picture or cash or currency or money or document or passport or watermark or symbol\$3 or indicia or "machine readable" or pattern or feature) with (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) with (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$5 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3 dimensions" or animat\$4) same ink) and ("250"/\$.ccls. "283"/\$.ccls. "382"/\$.ccls. "235"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 11:22
S51	0	jones.in. and robert.in. and digimarc.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 11:22
S52	26	jones.in. and robert.in. and digimarc.as.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 11:24
S53	9	((graphic or logo or image or picture or cash or currency or money or document or passport or watermark or symbol\$3 or indicia or "machine readable" or pattern or feature) with (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) with (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$5 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3 dimensions" or animat\$4)) and ("156"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 11:25

## EAST Search History

S54	0	jones.in. and robert.in. and digimarc. as. and puls\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 11:24
S55	2	((graphic or logo or image or picture or cash or currency or money or document or passport or watermark or symbol\$3 or indicia or "machine readable" or pattern or feature) with (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) with (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$5 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3-dimensions" or "3 dimensions" or animat\$4)) and (428/29,30,204,207,195.1.ccls. )	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 11:31
S56	2423029	((graphic or logo or image or picture or cash or currency or money or document or passport or watermark or symbol\$3 or indicia or "machine readable" or pattern or feature or surface or substrate) with (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) with (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$5 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3-dimensions" or "3 dimensions" or animat\$4) with effect or apparent)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 11:31
S57	3017401	((graphic or logo or image or picture or cash or currency or money or document or passport or watermark or symbol\$3 or indicia or "machine readable" or pattern or feature or surface or substrate) with (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) with (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$5 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3-dimensions" or "3 dimensions" or animat\$4) with effect or apparent or appear\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 11:36

## EAST Search History

S58	42	("0734135"   "1607922"   "2221889"   "2345998"   "2560392"   "2700919"   "2850824"   "2882631"   "3218926"   "3250913"   "3312006"   "3365350"   "3661385"   "3736832"   "3745678"   "3806722"   "3852145"   "3868501"   "4067129"   "4164823"   "4475791"   "4542449"   "4545007"   "4649462"   "4652979"   "4755921"   "4798448"   "4823246"   "4890201"   "4922384"). PN. OR ("5168646").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 11:34
S59	21	(graphic or logo or image or picture or cash or currency or money or document or passport or watermark or symbol\$3 or indicia or "machine readable" or pattern or feature or surface or substrate) with (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) with (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$5 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3-dimensions" or "3 dimensions" or animat\$4) with (effect or apparent or appear\$3) same (ink or band or wavelength)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 11:38
S60	44	(graphic or logo or image or picture or cash or currency or money or document or passport or watermark or symbol\$3 or indicia or "machine readable" or pattern or feature or surface or substrate) with (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) same (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$5 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3-dimensions" or "3 dimensions" or animat\$4) with (effect\$3 or apparent or apparant or appear\$3 or look\$3) same (ink or band or wavelength)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 11:40
S61	23	S60 not S59	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 11:39

## EAST Search History

S62	488	(graphic or logo or image or picture or cash or currency or money or document or passport or watermark or symbol\$3 or indicia or "machine readable" or pattern or feature or surface or substrate) with (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) same (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$5 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3 dimensions" or animat\$4) with (effect\$3 or apparent\$3 or apparant\$3 or appear\$3 or look\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 11:40
S63	491	(graphic or logo or image or picture or cash or currency or money or document or passport or watermark or symbol\$3 or indicia or "machine readable" or pattern or feature or surface or substrate) with (illuminat\$4 or light\$3 or radiat\$4 or UV or ultraviolet or invisible) with (puls\$4 or periodic\$4 or strob\$4) same (3d or "three dimensional" or "three-dimensional" or "3-d" or mov\$5 or "3-dimensional" or "3 dimensional" or "three dimensions" or "three-dimensions" or "3 dimensions" or animat\$4) with (effect\$3 or apparent\$3 or apparant\$3 or appear\$3 or look\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 11:43
S64	53	S63 and ("283"/\$.ccls. "235"/\$.ccls. "382"/\$.ccls. "428"/\$.ccls. "156"/\$.ccls. "40"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/03/22 11:44
S65	45	("3500047"   "4572803"   "4983817"   "5367148"   "5401960").PN. OR ("5502304").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 11:53
S66	29	S65 and (move\$4 or moving or strob\$4 or puls\$4 or 3d or "3-d" or "three diemensional" or "three-dimensional" or "3 dimensional" or "3-dimensional")	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/22 11:55